FY 1995 BUDGET ESTIMATES

Air Force Reserve



FY 1995 MILITARY CONSTRUCTION PROGRAM



February 1994

Justification Data Submitted to Congress

Best Available Copy

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1995 MILITARY CONSTRUCTION PROGRAM

TABLE OF CONTENTS

Table of Contents	i ii iii
SECTION 1 - SPECIAL PROGRAM CONSIDERATIONS	
FY 1995 Pollution Abatement Program	b-i
SECTION 2 - BUDGET APPENDIX EXTRACT	
Language Program and Financing Schedule Object Classification Schedule Special Program Considerations	C-11
SECTION 3 - INSTALLATION AND PROJECT JUSTIFICATION DATA DD FORMS 1390 AND 1391	
Major Construction, Air Force Reserve	1 38
SECTION 4 - ARCHITECTURAL AND ENGINEERING SERVICES AND CONSTRUCTION DESIGN	
Architectural/Engineering Services and Construction Design	. 4 0

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM (DOLLARS IN THOUSANDS)

MAJOR CONSTRUCTION

FY 1995 MILITARY CONSTRUCTION STATE LIST

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH AMOUNT	APPROP AMOUNT	DD FORM 1391 PAGE #
California	March AFB Replace Substation SUBTOTAL	3.900 3,900	3.900 3,900	3
Georgia	Dobbins ARB Fire Fighter Training Facility SUBTOTAL	1.100 1,100	1.100 1,100	8
Indiana	Grissom ARB Basewide Environmental Compliance SUBTOTAL	2,200 2,200	2.200 2,200	13
Louisiana	Barksdale AFB Add to and Alter Facilities for Conversion SUBTOTAL	<u>5.000</u> 5,000	<u>5.000</u> 5,000	17
Massachusetts	Westover ARB Replace Taxiway "G" Replace Underground Storage Tanks SUBTOTAL	5,100 1,000 6,100	5,100 1,000 6,100	21 23
Ohio	Youngstown ARS Industrial Wastewater Pretreatment Facility SUBTOTAL	<u>500</u> 500	<u>500</u> 500	28
Wisconsin	General Mitchell ARS Fire Fighter Training Facility Secondary Containment Facility SUBTOTAL	1,450 <u>750</u> 2,200	1,450 750 2,200	33 36
	TOTAL IN THE UNITED STATES	21,000	21,000	
Worldwide	Unspecified Minor Construction	4,018	4,018	38
	Arch & Eng Svcs and Const Design	3,172	3,172	40
	GRAND TOTAL	28,190	28,190	

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM (DOLLARS IN THOUSANDS)

MAJOR CONSTRUCTION

FY 1995 NEW MISSION/ENVIRONMENTAL/CURRENT MISSION LISTING

			NEW/ENVIR/
LOCATION	PROJECT	COST	CURRENT
March AFB, CA	Replace Substation	3,900	Current
Dobbins ARB, GA	Fire Fighter Training Facility	1,100	Environmental
Grissom ARB, IN	Basewide Environmental Compliance	2,200	Environmental
Barksdale AFB, LA	Add to and Alter Facilities for Conversion	5,000	New
Westover ARB, MA	Replace Taxiway "G"	5,100	Current
Westover ARB, MA	Replace Underground Storage Tanks	1,000	Environmental
Youngstown ARS, OH	Industrial Wastewater Pretreatment Facility	500	Environmental
Gen Mitchell ARS, WI	Fire Fighter Training Facility	1,450	Environmental
Gen Mitchell ARS, WI	Secondary Containment Facility	750	Environmental
	TOTAL	21,000	
	Subtotals		
	New Mission	5,000	
	Current Mission	9,000	
	Environmental Work	7,000	
	Arch & Eng Svcs and Const Design	3,172	
	Unspecified Minor Construction	4,018	

GRAND TOTAL 28,190

SECTION 1 SPECIAL PROGRAM CONSIDERATIONS

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM (DOLLARS IN THOUSANDS)

MAJOR CONSTRUCTION

FY 1995 POLLUTION ABATEMENT LISTING

				<u>DD</u> FORM 1391
<u>LOCATION</u>	PROJECT	COST	TYPE	Page #
Dobbins ARB, GA	Fire Fighter Training Facility	1,100	Abatement	8
Grissom ARB, IN	Basewide Environmental Compliance	2,200	Abatement	13
Westover ARB, MA	Replace Underground Storage Tanks	1,000	Abatement	23
Youngstown ARS, OH	Industrial Wastewater Pretreatment Facility	500	Abatement	28
Gen Mitchell ARS, WI	Fire Fighter Training Facility	1,450	Abatement	33
Gen Mitchell ARS, WI	Secondary Containment Facility	750	Abatement	36
	TOTAL	7,000		
	Subtotals			
	Pollution Abatement	7,000		
	Energy Conservation	0		

GRAND TOTAL 7,000

SECTION 2 BUDGET APPENDIX EXTRACT

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM

FY 1995 APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, AIR FORCE RESERVE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air Force Reserve as authorized by Chapter 133 of title 10, United States Code, and military construction authorization Acts, (\$74,486,000) \$28,190,000 to remain available until September 30 (1998) 1999. (Military Construction Appropriations Act, 1994)

Mil. Com., Air Perce Bos Program and Pinnasing (in Thomsands of dollars) Summary 18 JAN 94 nto for MILITARY Chligations Bulget Flen (marr COMPTRECTION actions programed) 1993 Actual 1994 Bet 1995 Bet 1993 Actual 1994 Ect 1995 Ect Identification code 57-3730-0-1-051 Program by activities: Direct program: 66, 593 21,000 66.0101 Major Construction 22,760 12.220 30,446 35, 219 68.8281 Minor Construction 3,904 4,010 2.522 4,613 4,229 4,400 00.0301 Planning 2,000 3,969 3.172 6.637 5,423 4.133 ------39.900 26.190 18.0001 Total 74,486 21, 587 47,882 43.401 Pinensine: 17.636 BECOV PT BAL OF Unabligated balance evallable, start of years For emplotion of prior year being plans 21.4003 -(45,647) (\$3,603) (00.267) 21.020 21.4007 Amprogramming from/to prior year budget plan 23.4002 estion purement to P.L. 99-177 in unablig bal: Age Unabligated belease evailable, and of years 24.4002 Per completion of prior year budget plans \$3.960 86.267 64.796 25.610 Leges, T/BAL 25.0001 Unobligated balance, lepsing PAPC BOURS, OF 39.020 29,900 €0.000S Sudget authority (Appropriation) 29,900 74,486 20,190 74,406 28,190 Relation of obligations to outleve. 72.110 UNITAID OR, BOT 71.0001 Obligations insurred, not 22.950 15.294 34.859 31,567 47.062 43.601 77.116 COLIG ADJUSTMENT 336 78.116 COLIO ADJUSTIONS -33 99.116 PAYMET CT PROG 90.111 PATROT PT PROG 29,448 28, 317 27,694 COTTATE 29,440 28, 317 27,694 74.110 UNIPAID ONL. BOY 15.294 34.050 54.946 Mil. Com., Air Peres Beserve Object Chassification (in Thou made of dellars) Surmary 16 33# 94 1997 Astual 1994 Bet 1995 Bet Identification code \$7-3730-0-1-051 Direct chligations: Other services: 125.003 Contracts 445 372 546 132.001 Land and structures 1.179 1.326 9, 385 199.001 Total Direct Obligations 1,725 1.773 9,757 Allegation Assesses Other services: 325.003 Contracts 6.291 5.112 4.276 322.001 Land structures 23. 571 48.997 29.648 399.001 Total Allocation Accounts 19.062 46, 109 33.924 999.901 Total Chlications 21,567 Chligations are distributed as follows: Befence - Military: Army Befence - Military: Nevy 17,277 38,765 36,611 2,506 4,760 4.827 Bofesso - Military: Air Pores 1.724 4.309 3.633

21,507 47,602

43.681

Total Chligations

DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE MILITARY CONSTRUCTION PROGRAM - FISCAL YEAR 1995

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective action is accomplished in accordance with applicable standards and criteria.

Energy Conservation

Military Construction projects specifically designed for energy conservation at installations have been developed, reviewed and selected with prioritization by energy savings per investment costs. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Floodplain Management and Wetlands Protection

Proposed land acquisitions, disposals and installation construction projects have been planned to allow for the proper management of flood plains and protection of wetlands by avoiding long term impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 900-400, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

Preservation of Historical Sites and Structures

Facilities in this program do not directly or indirectly affect any district, site, building, structure, object or setting listed in the National of Historic Places, except as noted on DD Form 1391.

Environmental Protection

In accordance with Section 102(2)(c) of the National Environmental Protection Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in this Military Construction Program.

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects included in this program represent the most economical use of resources.

Reserve Manpower Potential

The Reserve manpower potential to meet and maintain authorized strengths of all Reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other services having Reserve flying/non-flying units in these areas, that the number of units of the Reserve components of the Armed Forces presently located in these areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that can reasonably be expected to be maintained at authorized strength levels considering the number of persons living in these areas who are qualified for membership in those Reserve units.

Potential Use of Vacant Schools & Other State & Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

Congressional Reporting Requirements

Page iii, titled "New Mission/Current Mission/Environmental Listing", is in response to a Senate Appropriations Committee requirement contained on page 10 (New and Current Mission Activities) of Report #100-380.

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

Resolution Trust Corporation Real Estate Assets

In accordance with guidance contained in Senate Report 101-384, page 282, the Air Force Reserve is in the process of screening Fiscal Year 1995 construction requirements against the Resolution Trust Corporation (RTC) real estate asset inventory.

SECTION 3 INSTALLATION AND PROJECT JUSTIFICATION DATA DD FORMS 1390 AND 1391

1. COMPONENT USAFR		AND RESERVE		2. DATE	Jan 94
L INSTALLATION A		ONSTRUCTION		1	A CONSTR
				CO	T INDEX
March Air Ford	ce Base, California				1.26
K FREQUENCY AN	D TYPE UTILIZATION				
Facilities are no	sed daily. Unit training assemb	lies are two days	ner month	and field tra	ining is
	en days per year.		P		
OTHER ACTIVE	BUARD/RESERVE INSTALLATIONS WITH	IN 15 MILE RADIUS			
1 Air National		at 10 mile 10-2100			
7. PROJECTS REQU	JESTED IN THIS PROGRAM				
CATEGORY			COST	DESIGN	DESIGN
CODE	PROJECT TITLE	SCOPE	(\$0002)		COMPLETE
813-231	Replace Substation	LS	3,900	10/93	9/94
B. STATE RESERVE	FORCES FACILITIES BOARD RECOMM	ENDATION		N/	A
				(Da	
A1			ng uunty		
	ateral construction not required as this		•		
service offset by u	tility savings. No other utility option				
service offset by u	tility savings. No other utility option			No	
SERVICE Offset by U	tility savings. No other utility option			No (Number	
D. LAND ACQUISITION. PROJECTS PLA	etility savings. No other utility option			(Number	
ervice offset by u	etility savings. No other utility option		SCOPE		of Acres)
D. LAND ACQUISITION. PROJECTS PLA	on required NNED IN NEXT FOUR YEARS		SCOPE	(Number	of Acres)
D. LAND ACQUISITION. PROJECTS PLA CATEGORY CODE	on required NNED IN NEXT FOUR YEARS		SCOPE	(Number	
D. LAND ACQUISITION. PROJECTS PLA CATEGORY CODE	on required NNED IN NEXT FOUR YEARS		SCOPE	(Number	of Acres)
D. LAND ACQUISITION. PROJECTS PLA CATEGORY CODE	on required NNED IN NEXT FOUR YEARS		SCOPE	(Number	of Acres)
D. LAND ACQUISITION. PROJECTS PLA CATEGORY CODE	on required NNED IN NEXT FOUR YEARS		SCOPE	(Number	of Acres)
D. LAND ACQUISITION. PROJECTS PLA CATEGORY CODE	on required NNED IN NEXT FOUR YEARS		SCOPE	(Number	of Acres)
D. LAND ACQUISITION. PROJECTS PLA CATEGORY CODE	on required NNED IN NEXT FOUR YEARS		SCOPE	(Number	of Acres)
ervice offset by u LAND ACQUISITI PROJECTS PLA CATEGORY CODE	on required NNED IN NEXT FOUR YEARS		SCOPE	(Number	of Acres)
D. LAND ACQUISITION. PROJECTS PLA CATEGORY CODE	on required NNED IN NEXT FOUR YEARS		SCOPE	(Number	of Acres)

1. COMPONENT USAFR				RD AND R		2. DA	TE 10 Jan 94	
			LITARY C	ONSTRU	TRUCTION 10 Jan 94			
3. INSTALLATION	AND LOCA	TION						
March Air Force	Base, Cali	fornia						
11. PERSONNEL S	TRENGTH	AS OF-1 APR	93					
		PERM	IANENT		GUARD	RESERVE		
	TOTAL	<u>OFFICER</u>	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTE	
AUTHORIZED	<u>473</u>	Q	<u>6</u>	<u>467</u>	<u>2141</u>	<u>346</u>	<u>1795</u>	
ACTUAL	<u>473</u>	Ω	6	<u>467</u>	2141	<u>346</u>	1795	
12. RESERVE UNIT	DATA						· · · · · · · · · · · · · · · · · · ·	
					•	STRENGTH		
<u>ur</u>	T DESIGN	ATION		•	AUTHORIZED		ACTUAL	
452nd	Air Refue	eling Wing			1552		1552	
443	Aircraft	Group			<u>589</u>		<u>589</u>	
				Total	2141		2141	
A MA IOD FOUND	45105 AARD	41000453						
is. Major Equipi	ient and i							
	ı	IYPE CC-135E			AUTHORIZED		ASSIGNED	
		C-130B			10 2		10 2	
	· ·	C-130D		. •	2		2	

	·····							
1. COMPONENT					_	•	DATE	1
•	FY 1995 MILITAI			OJECT	DATA	۱ ا	L2 JAN	1994
USAFR		puter generat		JECT 1	PT MY F		_	لتت
1). INSTALLATION A	ND LOCATION]4.	PRO	JECI 1		4		ļ
MARCH AIR FORCE BA	ACE CALTEODNIA) \ 191	TOT AC	E 3/. 5	יניע ג	SUBSTAT	TON	(
5. PROGRAM ELEMENT								1007
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91215	813-231	PCZP93	0813	i			3,900	ï
		COST ESTIMATE						
			1	i i		UNIT	COST	. 1
<u>i </u>	ITEM		א/טן	QUANT	TTY	COST	Ĺ (\$000)) j
REPLACE 34.5 KV St	JBSTATION		ILS				3,2	253
UNDERGROUND ELEC	CTRICAL DISTRIE	BUTION	I.F	j 2,6	600 J	140	(3	364)
SUBSTATION EQUIP			ILS	1	1		•	552)
SCE 115KV SERVIC			ILS	ļ	ļ		(2,2	237)
SUPPORTING FACILIT	TIES			ļ	ļ		1	85
MOBILIZATION			ILS	Į.	į		[(10)
DEMOLISH EXISTING	NO SUBSTATION		LS	1	!			75) 338
CONTINGENCY (10%)			i i	1	ļ		•	134
TOTAL CONTRACT COS	ST		1	1	!		• —	72
SUPERVISION, INSPE		CHEAD (6%)	1	ì]		•	20
TOTAL REQUEST		(00)	i	i	i		•	192
TOTAL REQUEST (ROL	INDED)		i	i	i		•	00 j
i	•		i	İ	i		İ	i
İ			İ	į	i		j	i
1			j	Ì	į		ĺ	j
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110			ــِـــــــــــــــــــــــــــــــــــ	<u> </u>	لــِـــ	10.0		<u></u>
	of Proposed Con							
5.0 Mva, 34.5 kv - kv transformer. W								• !
the circuits serve								;
new 115 kv service								t I
the higher voltage								ì
11. REQUIREMENT:								i
PROJECT: Provides		v - 13.8 kv t	rans	former	rat	ed at 12	2.5 Mva	ı i
to support the bas						vice li	ne to	i
feed the new subst								1
REQUIREMENT: A ne							ded to	ı
capitalize on the								ļ
California Edison.								. !
feed the substatio			ser	AICE I	rue	is requi	trea to	' !
CURRENT SITUATION:			t Mai	rch AF	'R co	neiete (nf a 5	
	CURRENT SITUATION: The existing substation at March AFB consists of a 5 year old 10 Mva and a 16 year old 5 Mva transformer. Both are rated 34.5					. ¦		
kv primary and 13.								, i
distribution syste	m. Southern C	alifornia Edi	son,	the l	ocal	public	utilit	:y
company, estimated	the current 3	4.5 kv servic	e to	the b	ase	to be fu	ılly	ĺ
loaded. Because t	the existing su	bstation does	not	have	any	spare ca	apacity	, j
a new 12.5 Mva 115								İ
built to support e	xisting and an	y additional	elect	trical	dem	and that	t may b	e į
needed in the futu	re. A new 115	kv service 1	ine :	is req			ed the	l
new transformer su							_	ļ
transmitting elect								ie
high voltage than	at the voltage	we currently	_use	. Cha	ngin	g the se	ervice	

1. COMPONENT		2. DATE
FY 1995 MILITARY CONSTRUCTION PROJECT (computer generated)	DATA	12 JAN 1994
3. INSTALLATION AND LOCATION MARCH AIR FORCE BASE, CALIFORNIA		
4. PROJECT TITLE	5. 	PROJECT NUMBER
REPLACE 34.5 KV SUBSTATION		PCZP930813

load from the existing 34.5 kv transformers to the new 115 kv transformer takes advantage of the favorable rate schedule and will save the base over \$1,235,000 per year.

| IMPACT IF NOT PROVIDED: We will lose the opportunity to standardize the |base's electrical distribution system and to save \$1,235,000 in annual | utility costs.

| ADDITIONAL: This is a Productivity Investment Fund (PIF) project and | would provide great savings in utility expenses. This transformer would | also provide extra capacity for March AFB for any future electrical | requirements. Currently, our electrical system is at maximum capacity. | We need to modernize our substations and our service lines to provide | dependable power and expansion capability to support the current mission | and future needs of March AFB.

	'NT' I	12. DATE
1. COMPONE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	i
USAFR	(computer generated)	1 2 JAN 1994
3. INSTALL	ATION AND LOCATION	
MARCH ATR	FORCE BASE, CALIFORNIA	
4. PROJECT		ROJECT NUMBER
	<u> </u>	
REPLACE 34	.5 KV SUBSTATION P	CZP930813
12. SUPPL	EMENTAL DATA:	
a. Esti	mated Design Data:	
(1)	Status:	
	(a) Date Design Started	93 OCT 10
	(b) Parametric Cost Estimates used to develop costs	
	(c) Percent Complete as of Jan 1994	18
	(d) Date 35% Designed.	94 MAR 01 94 SEP 01
	(e) Date Design Complete	94 SEP 01
(2)	Basis:	
	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)
	(a) Production of Plans and Specifications	231
	(b) All Other Design Costs	115
	(c) Total	346
	(d) Contract	277
	(e) In-house	69
(4)	Construction Start	94 DEC
	ent associated with this project will be provided fropriations: N/A	Om

1. COMPONENT USAFR	FY 1995GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 10 Jan 94
3. INSTALLATION	AND LOCATION	4. AREA CONSTR COST INDEX
Dobbins Air R	eserve Base, Georgia	0.96
6. FREQUENCY AN	D TYPE UTILIZATION	

Facilities are used daily. Unit training assemblies are two days per month and field training is conducted fifteen days per year.

- 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
- 2 Army Installations
- 1 Naval Air Station
- 1 Air National Guard Unit

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY			COST	DESIGN	DESIGN
CODE	PROJECT TITLE	SCOPE	(\$000)	START	COMPLETE
179-511	Fire Fighter Training Facility	1 EA	1,100	6/93	3/94

ı		
	8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION	2 DEC 92
ĺ		(Dete)

Approved for unilateral construction.

9. LAND ACQUISITION REQUIRED	None
	(Number of Acree)
10. PROJECTS PLANNED IN NEXT FOUR YEARS	

CATEGORY CODE 171-447	PROJECT TITLE Add/Alter Reserve Communications	SCOPE 5,000 SF	(8000) 880	YEAR 96
171-443	Add/Alter Security Police Industrial Waste Water System	3,850 SF	1,200	96
831-155		LS	2,750	97
171-873	Aerial Port Training Facility	22,200 SF	3,186	98
832-266	Upgrade Sanitary Sewer System Upgrade Storm Water System	51,696 LF	3,000	98
831-173		8,000 LF	2,000	99

1. COMPONENT USAFR				D AND RE		2. DA	TE 0 Jan 94	
3. INSTALLATION	AND LOCA							
Dobbins Air Rese	erve Base,	Georgia						
11. PERSONNEL S	TRENGTH							
	TOTAL	PERM. OFFICER			Guard/Reserve DTAL OFFICER			
AUTHORIZED	357	Ω	<u>Q</u>	357	1532	239	1202	
ACTUAL	357	Ō	Ō	357	1532	239	1202	
12. RESERVE UNIT	DATA					 		
				_		TRENGTH		
	NT DESIGN				AUTHORIZED		ACTUAL	
9140	h Suppor	t Group			1532		1532	
13. MAJOR EQUIP	MENT AND	AIRCRAFT						
		IYPE C 12011			AUTHORIZED		ASSIGNED	
		C-130H			8		8	

USAFR	11. COMPONENT		· · · · · · · · · · · · · · · · · · ·					1	2.	DATE	1
USAFR		F	7 1995 MILITARY C	ONSTRUCT	ION PR	OJECT	DAT	•	_		N 190 i
DOBBINS AIR RESERVE BASE, GEORGIA											
S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)	3. INSTALLATIO	N ANI	LOCATION	!	4. PRO	JECT 1	IITL	E			ļ
S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)	IDORRING ATP PR	CERVE	RASE GEORGIA	į	FIRE F	TCHTER	TR	ATNTNG	FA	CTLT	
S5356F 179-511 FCWB949003 1,100	15. PROGRAM ELE	MENT	6. CATEGORY CODE								
SECONT ESTIMATES UNIT COST		,		i		i				•	i
ITEM	55356F									1,100	<u> </u>
FIRE FIGHTER TRAINING FACILITY LS 744 AIRCRAFT MOCK-UP & BURN PIT EA 1 648,000 (688) SEARCH & CONFINED SPACE TRAINING BLDG EA 1 80,000 (80) DRAFTING PIT EA 1 16,000 (16) SUPPORTING FACILITIES 260 UTILITIES & OIL/WATER SEPARATOR LS (40) FUEL STORAGE TRAINS LS (35) SITE PREPARATION & PAVEMENTS LS (35) SITE PREPARATION & PAVEMENTS LS (35) SITE PREPARATION & PAVEMENTS LS (55) SUBTOTAL 1,004 CONTINGENCY (5%) 50 (55) SUBTOTAL 1,004 CONTINGENCY (5%) 50 (55) SUBTOTAL 1,054 SUPPRIVISION, INSPECTION AND OVERHEAD (6%) 63 TOTAL REQUEST (ROUNDED) 1,100 10. Description of Proposed Construction: Circular burn area with double flexible membrane liners, water and fuel drainage systems, leak detection, effluent holding pond, oil/water separator, fuel tanks, pumps, valves, controls, piping, aircraft mockup, and compacted drive-around area. Search and Confined Space Training building of masonry and concrete with movable partitions, pipes, hatches, tanks, and small openings. 11. REQUIREMENT: 1 LS ADEQUATE: 0 SUBSTANDARD: 1 LS PROJECT: Construct a Fire Training Facility (Current Mission) REQUIREMENT: 1 LS ADEQUATE: 0 SUBSTANDARD: 1 LS PROJECT: Construct a Fire Training Facility (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. A live-fire training facility, meeting all environmental and safety regulations, is required. Live-fire training is required (Air Force, FAA, OSHA) to enable fire fighters to maintain a high level of proficiency by extinguishing interior aircraft fires and fires involving mass fuel splils and running fuel. These exercises, performed on mock-ups representing the mission-assigned aircraft, have historically created compliance problems with the Clean Air and Clean Water Acts. An impermeable lining below the training areas with associated oil/water separation and waste holding facility are separator is not capable of adequately separating the foaming agent and unburned fuel	<u> </u>		9. COS	r estima	TES						!
FIRE FIGHTER TRAINING FACILITY AIRCRAFT MOCK-UP & BURN PIT SEARCH & CONFINED SPACE TRAINING BLDG FAL			TARM				ידיתע	•	•	U.	
AIRCRAFT MOCK-UP & BURN PIT	FIDE STOUTER T	PATNI		·		IQUANI	.111	0031 		(300	
SEARCH & CONFINED SPACE TRAINING BLDG					•	i	1	; 1648.0	00	(
SUPPORTING FACILITIES (40) FUEL STORAGE TANKS LS (40) FUEL STORAGE TANKS LS (35) SITE PREPARATION & PAVEMENTS LS (35) SITE PREPARATION & PAVEMENTS LS (35) SUBTOTAL				BLDG	•	į	_		•		- •
UTILITIES & OIL/WATER SEPARATOR IS	DRAFTING PIT	•			EA	İ	1	16,0	00 j	(
FUEL STORAGE TANKS SITE PREPARATION & PAVEMENTS LS (130) SECURITY FENCE LS (55) SUBTOTAL 1,004 CONTINCENCY (5%) 50 ITOTAL CONTRACT COST 1,054 SUPERVISION, INSPECTION AND OVERHEAD (6%) 63 TOTAL REQUEST 1,117 TOTAL REQUEST 1,100 TOTAL REQUEST 1,100 TOTAL REQUEST (ROUNDED) 1,100 ITOTAL REQUEST 1,100 I	•				1	i		l	1		
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1. COMPONENT FY 1995 MILITARY CONSTRUCTION PROJECT DA	2. DATE 12 JAN 1994
USAFR (computer generated)	1 2 JAN 1994
3. INSTALLATION AND LOCATION	
DOBBINS AIR RESERVE BASE, GEORGIA	
4. PROJECT TITLE	5. PROJECT NUMBER
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|inconvinience.

| IMPACT IF NOT PROVIDED: The inadequate fire training conditions at Gen B. | Mitchell Air Reserve Base will continue and will affect the high level of | proficiency required in aircraft crash-fire fighting. The required level | and frequency of live-fire training for the assigned fire fighters is not | available. Off-site training causes manning shortages and could pose | problems if fires occur while fire fighters are away. Without the stress | and realism that comes only with live fires, fire fighters lose | proficiency in combating fires. The potential for loss of aircraft and | life is increased.

| ADDITIONAL: There is no criteria/scope for this project in Part II of | Military Handbbok 1190, "Facility Planning and Design Guide" or AFM 86-2, | "Standard Facility Requirements". However, the Air Force has developed a | "standard" or generic design for a Fire Training Facility which | incorporates all of the requirements for Fire Fighter training and that | meets all environmental compliance standards. This estimate is based on | that "standard" design for this location and this design will be used and | site adapted for this particular base. The Search and Confined Space | Training Facility is added to the standard design to satisfy recent | confined space training requirements.

	ENT	2. DATE
SAFR	(computer generated)	12 JAN 199
. INSTAL	LATION AND LOCATION	
OBBINS A	IR RESERVE BASE, GEORGIA	
. PROJEC		JECT NUMBER
IRE FIGH	TER TRAINING FACILITY FGW	7B949003
2. SUPP	LEMENTAL DATA:	
a. Est	imated Design Data:	
(1)	Status:	
	(a) Date Design Started	93 JUN 01
	(b) Parametric Cost Estimates used to develop costs	<u>, </u>
	(c) Percent Complete as of Jan 1994	351
	(d) Date 35% Designed.	94 JAN 15
	(e) Date Design Complete	94 MAR 30
(2)	Basis:	
(-,	(a) Standard or Definitive Design -	
	(b) Where Design Was Most Recently Used -	
(3)	Total Cost (c) - (a) + (b) or (d) + (e):	(\$000
	(a) Production of Plans and Specifications	86
	(b) All Other Design Costs	152
	(c) Total	238
	(d) Contract	143
	(e) In-house	95
(4)	Construction Start	94 DEC
	ment associated with this project will be provided from copriations: N/A	1

1. COMPONENT	FY 1995GUARD AND RESERVE	2. DATE 10 Jan 94
USAFR 3. INSTALLATION A	MILITARY CONSTRUCTION ND LOCATION	4. AREA CONSTI
Grissom Air Re	serve Base, Indiana	1.07
5. FREQUENCY AN	TYPE UTILIZATION	
	ed daily. Unit training assemblies are two days per moren days per year.	nth and field traing is
conducted fifte	en days per year.	nth and field traing is
conducted fifte	•	nth and field traing is
conducted fifte	UARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS	nth and field traing is
6. OTHER ACTIVE/S 1 Air National	uard/reserve installations within 15 Mile radius Guard Unit	nth and field traing is
conducted fifte	uard Unit	nth and field traing is

7. PROJECTS REQUESTED IN THIS	DDCCDAM

scope LS	COST (2000) 1,900	DESIGN START 8/93	DESIGN COMPLETE 6/94
		SCOPE (\$000)	SCOPE (\$000) START

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION	18 Feb 93
Approved for unilateral construction.	(Date)

9. LAND ACQUISITION REQUIRED		None
	·	(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
	None	

CATEGORY			COST	
CODE	PROJECT TITLE	SCOPE	(\$000)	YEAR
179-511	Fire Fighter Training Facility	LS	1,500	96
219-944	Constuct Pest Management Facility	1,000 SF	450	97
124-124	Replace POL Pump House/UST	3,000 SF	2,100	98

1. COMPONENT USAFR				RD AND R		2. DA	TE 10 Jan 94
3. INSTALLATION	AND LOCA		JIANI C	UNSTRU	CHOR		
Grissom Air Res	erve Rose	Indiana					
11. PERSONNEL S	STRENGTH	AS OF-1 APR 1	13				
		PERM/	NENT		GUARD/	RESERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	422	<u>Q</u>	Q	<u>422</u>	<u>1795</u>	<u> 186</u>	1116
ACTUAL	422	Ω	Q	<u>422</u>	<u>1795</u>	<u> 186</u>	1116
12. RESERVE UNI	T DATA		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>			· · · · · · · · · · · · · · · · · · ·	•
						STRENGTH	
	NIT DESIGN				AUTHORIZED 167		ACTUAL
930	th Fighte	r Group			107		167
434ti	h Refueli	ng Wing			1628		<u>1628</u>
				Total	1795		1795
13. MAJOR EQUIP	MENT AND	AIDCRAFT			····		<u> </u>
is. mouth EUUP	MENIANU						
	1	IYPE KC-135R			AUTHORIZED 20		ASSIGNED 21
		A-10A			18		22

TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Upgrade, construct and repair various environmental items, including oil/water separators, POL Dike, Lime Collection System, tanks, Water Plant, and Paint Storage. 11. REQUIREMENT: As required. PROJECT: Basewide environmental compliance. (Current Mission) REQUIREMENT: Environmental compliance requires the installation of an airfield ramp oil/water separator system, repair of five existing oil/water separators, repair of existing POL Dikes, construction of a lime collection system, repair of the water plant, and repair and modification	1. COMPONENT			•	DATE
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Lime Collection System, tanks, Water Plant, and Paint Storage. 11. REQUIREMENT: As required. PROJECT: Basewide environmental compliance. (Current Mission) REQUIREMENT: Environmental compliance requires the installation of an airfield ramp oil/water separator system, repair of five existing oil/water separators, repair of existing POL Dikes, construction of a lime collection system, repair of the water plant, and repair and modification of the paint storage facility. CURRENT SITUATION: Existing oil/water separators, POL dikes, sanitary sewers, and water utilities are in need of upgrade or repair due to age and deteriorated condition. IMPACT IF NOT PROVIDED: Existing POL, water, and wastewater systems will continue to degrade to the point that significant damage could occur to					
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REQUIREMENT: Environmental compliance requires the installation of an airfield ramp oil/water separator system, repair of five existing oil/water separators, repair of existing POL Dikes, construction of a lime collection system, repair of the water plant, and repair and modification of the paint storage facility. CURRENT SITUATION: Existing oil/water separators, POL dikes, sanitary sewers, and water utilities are in need of upgrade or repair due to age and deteriorated condition. IMPACT IF NOT PROVIDED: Existing POL, water, and wastewater systems will continue to degrade to the point that significant damage could occur to		(6,,,,,	ront Missi	(an)	!
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sewers, and water utilities are in need of upgrade or repair due to age and deteriorated condition. IMPACT IF NOT PROVIDED: Existing POL, water, and wastewater systems will continue to degrade to the point that significant damage could occur to	of the paint storage facility.	,	•		i
and deteriorated condition. IMPACT IF NOT PROVIDED: Existing POL, water, and wastewater systems will continue to degrade to the point that significant damage could occur to	CURRENT SITUATION: Existing oil/water separa	ators	, POL dike	es, sani	tary
IMPACT IF NOT PROVIDED: Existing POL, water, and wastewater systems will continue to degrade to the point that significant damage could occur to		grad	e or repai	ir due to	age
continue to degrade to the point that significant damage could occur to					4
the environment through accidental release of hazardous products.					ir to
	the environment through accidental release of	haza	ardous pro	ducts.	ļ
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. COMPON	ENT		2. DATE
	į	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	12 JAN 1994
SAFR	LATIC	(computer generated)	22 ONN 1001
. INSTAL	LATIC	IN AND LOCATION	
RISSOM A	IR RE	SERVE BASE, INDIANA	
. PROJEC			. PROJECT NUMBER
			CTT 0 0 0 5 0 0 0 1
		A ENVIRONMENTAL COMPLIANCE	CTGC959001
2. SUPP	LEMEN	TAL DATA:	
a. Est	imate	d Design Data:	
(1)		tus:	
		Date Design Started	93 AUG 30
		Parametric Cost Estimates used to develop co	
		Percent Complete as of Jan 1994	35%
		Date 35% Designed.	94 JAN 30
	(e)	Date Design Complete	94 JUN 30
(2)	Bas	is:	
		Standard or Definitive Design -	
	(b)	Where Design Was Most Recently Used -	
(3)	Tot	al Cost (c) - (a) + (b) or (d) + (e):	(\$000
•		Production of Plans and Specifications	50
		All Other Design Costs	120
	(c)	Total	170
	(d)	Contract	145
	(e)	In-house	25
(4)	Con	struction Start	94 DEC
. Equip ther app		associated with this project will be provided ations: N/A	from

1. COMPONENT USAFR	FY 1995GUARD A			2. DATE	Jan 94
3. INSTALLATION A	MILITARY CONS	STRUCTION			CONSTR
					NDEX
	Force Base, Louisiana D TYPE UTILIZATION				.84
5. PHEQUENCY AM	DITPE UILIZATION				
	sed daily. Unit training assemblies	s are two days	s per month a	ınd field trai	ning is
conducted fiftee	en days per year.				
	NUARD/RESERVE INSTALLATIONS WITHIN	15 MILE RADIUS			
1 Army Reserve 1 Army Nation					
1 Anny Nauon					
		- · · · · · · · · · · · · · · · · · · ·			·
7. PROJECTS REQU	JESTED IN THIS PROGRAM				
CATEGORY	PROJECT TITLE	SCOPE	COST (\$000)		DESIGN OMPLETE
CODE 100-000	Add to and Alter Facilities for	LS	5,000	9/93	9/94
	Conversion		·		
8. STATE RESERVE	FORCES FACILITIES BOARD RECOMMEN	DATION		22 No	
Approved for unil	ateral construction.			(Date)
9. LAND ACQUISITION	ON REQUIRED			Non	
10. PROJECTS PLA	NNED IN NEXT FOUR YEARS			(Number of	ACIOS
CATEGORY				COST	
CODE N	PROJECT TITLE		SCOPE	(\$000)	YEAF
-`					

1. COMPONENT USAFR			95 GUAR LITARY C			2. D/	TE 10 Jan 94
3. INSTALLATION	AND LOCAT	TION					
Barksdale Air Fo	rce Base, I	ouisiana					
11. PERSONNEL 8							
		PERM	ANENT		GUARDA	RESERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	<u> 364</u>	Q	Q	<u> 364</u>	<u>1185</u>	<u>133</u>	<u>1052</u>
ACTUAL	<u> 364</u>	Ω	Ω	<u> 364</u>	<u>1185</u>	<u>133</u>	<u>1052</u>
12. RESERVE UNIT	DATA						
					8.	TRENGTH	
UN	IT DESIGN	ATION		•	AUTHORIZED		ACTUAL
9171	h Fighte	r Wing			1185		1185
]
							1
							•
							1
13. MAJOR EQUIPM	IENT AND	AIRCRAFT					*
		IYPE			AUTHORIZED		ASSIGNED
		A-10A			33		30
							50
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					.*		
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1. COMPONENT					1	2.	DATE
FY 1995 MILITARY CONSTRU	CTION	PR	OJECT	DATA	A Ì		i
USAFR (computer general	erate	(b			1	1	2 JAN 1994 i
3. INSTALLATION AND LOCATION	14.	PRO.	JECT T	ITL	3		
1	ADD	TO	AND A	LTE	R FACI	LIT	TIES
BARKSDALE AIR FORCE BASE, LOUISIANA	FOR	CO	NVERSI	ON			
15. PROGRAM ELEMENT 6. CATEGORY CODE 7. PRO	OJECT	NUI	MBER	8. I	ROJEC	T	COST(\$000)
			1				1
	<u>RF949</u>		1				5,000
9. COST ESTI	MATES						1
			!	[UNIT		COST
ITEM		U/M	QUANT	ITY	COST		(\$000)
ADD TO AND ALTER FACILITIES FOR	ļ		!			ļ	!
CONVERSION	į	LS	!	1		ļ	3,650
SUPPORTING FACILITIES	Ļ		ļ	į		إ	645
UTILITIES	•	LS	ļ	į		ļ	(215)
SITE IMPROVEMENTS	•	LS	ļ	į		į	(215)
PAVEMENTS	1	LS	ļ	!		ļ	(<u>215</u>)
SUBTOTAL	!		} !	ļ		ļ	4,295
CONTINGENCY (10%)	!		!	ļ			430
TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (6%)	1	ļ	!	!		ļ	4,725 284
TOTAL REQUEST	1	Į.	! !	ŀ		ŀ	5,009
TOTAL REQUEST (ROUNDED)		!	!	1		ŀ	5,009
TOTAL REQUEST (ROUNDED)	1		! !	ŀ		į	3,000
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1	1	1	 			1	1
! !		i	! !			ľ	1
;]	1		1	i		į	-
10. Description of Proposed Construction:	Co	ncre	te fo	unda	tions	/f1	oors.
steel frames, masonry and metal walls, but							
roofs on additions. Interior functional							
lots, and other supporting facilities.					-, _F -		·B
11. REQUIREMENT: As required.			•				<u></u>
PROJECT: Add to and alter various operati	onal	. tı	cainin	g, a	nd ma	int	enance
facilities to support conversion of an Air							
new weapons system. (New mission)					- 0		i
REQUIREMENT: Adequate facilities are requ	ired	to	train	res	erve	air	crew,
maintenance, and support technicians in the							
a new mission aircraft.	-						i
CURRENT SITUATION: An existing Reserve fl							
fifteen A-10s to eight B-52H aircraft. So							
available from the active duty host; however							
alteration and minor expansion to accomoda							ering
maintenance and operational requirements of							i
IMPACT IF NOT PROVIDED: The Reserve operation	tors	and	i tech	nici	ans w	111	not be
lable to receive or adequately maintain and							
wwill limit the ability of the unit to rea	ich fi	ull	readi	ness	to a	ugn	ent the
active force.							1
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. COMPON	ENTI		12. DATE
	i	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	•
SAFR	TATIC	(computer generated) ON AND LOCATION	1 1 2 JAN 1994
. INSTAL	TWITC	N AND LOCATION	
		FORCE BASE, LOUISIANA	
. PROJEC	T TIT	TLE 15	. PROJECT NUMBER
DD TO AN	D ALI	TER FACILITIES FOR CONVERSION	XPRF949052
2. SUPP	LEMEN	TAL DATA:	
a. Est	imate	ed Design Data:	
(1)	Sta	itus:	
		Date Design Started	93 SEP 01
		Parametric Cost Estimates used to develop co	
		Percent Complete as of Jan 1994	35%
		Date 35% Designed.	94 JAN 31
	(e)	Date Design Complete	94 OCT 31
(2)	Bas	is:	
\- /		Standard or Definitive Design -	
		Where Design Was Most Recently Used -	
(3)	Tot	al Cost (c) - (a) + (b) or (d) + (e):	(\$000)
		Production of Plans and Specifications	445
	(b)	All Other Design Costs	40
	(c)	Total	485
		Contract	410
	(e)	In-house	75
(4)	Con	struction Start	95 MAR
		associated with this project will be provided ations: N/A	from

1. COMPONE		ARD AND RESERV	E	2. DA	
USAFR	MILITARY ON AND LOCATION	CONSTRUCTION			10 Jan 94 REA CONSTR
3. 443 LALLA 1	on and book non				OST INDEX
	ir Reserve Base, Massachusette:	<u> </u>			1.28
5. FREQUENCY	AND TYPE UTILIZATION				
	e used daily. Unit training assentifteen days per year.	mblies are two da	ys per month a	nd field t	raining is
6. OTHER ACT	VE/QUARD/RESERVE INSTALLATIONS V	VITHIN 15 MILE RADIU			
	nal Guard Unit				
1 Army Gu	ard Unit				
1 800 F070	CALIFORNIA THE PROPERTY				
7. PHOJECIS I	REQUESTED IN THIS PROGRAM				
CATEGORY				DESIGN	DESIGN
<u>CODE</u> 112-211	PROJECT TITLE Replace Taxiway "G"	<u>scope</u> LS		START 8/92	COMPLETE 9/93
411-135	Replace UST Basewide	20 Ea	•	6/93	11/93
	Tropiaco Col Dato Wildo	20 24	1,000	G /J	11//3
i					
A OTATE DECE	RVE FORCES FACILITIES BOARD RECO				
e. SIAIE RESE	inve fonces facilities board reco				Sep 93
Approved for	unilateral construction.			**	
9 I AND ACOU	ISITION REQUIRED				·
AVGU	William Line Control of the Control				one r of Acres)
10. PROJECTS	PLANNED IN NEXT FOUR YEARS	•			
CATEGORY CODE	PROJECT TITLE		SCOPE	COST (\$000)	YEAR
411-135	Jet Fuel Storage		10,000 BL	2,450	96

1. COMPONENT USAFR			9 <u>95</u> GUAR			2. DA	TE 10 Jan 94
USAFK B. INSTALLATION	AND LOCA		LITARY CO	ONSTRU	CTION		
Vestover Air Res							
1. PERSONNEL S	IKERGIN	NO OF-1 APR	153				
	TOTAL	PERM OFFICER	IANENT ENLISTED	CIVILIAN	QUARD TOTAL	RESERVE OFFICER	ENLISTE
AUTHORIZED	981	1	6	975	2311	256	2055
ACTUAL	981	î	6	975	2311	<u> 256</u>	2055
	244	•	-				
2. RESERVE UNIT	DATA				_		
						STRENGTH	
	NT DESIGN			•	AUTHORIZED		ACTUAL
439	th Airlilf	t Wing			2311		2311
MA IOD FOUND	MEAT AND	AIDODAFT					
3. MAJOR EQUIPI	MENT AND						
3. MAJOR EQUIPI	MENT AND				AUTHORIZED	<u>.</u>	ASSIGNE
3. MAJOR EQUIPI	MENT AND	AIRCRAFT IYPE C-5A			AUTHORIZED 14		ASSIGNE 14
S. MAJOR EQUIPI	MENT AND				AUTHORIZED 14		ASSIGNE 14
B. MAJOR EQUIPI	MENT AND				AUTHORIZED 14		ASSIGNE 14
B. MAJOR EQUIPI	MENT ANC				AUTHORIZED 14		ASSIGNE 14
3. MAJOR EQUIPI	MENT AND				AUTHORIZED 14		ASSIGNE 14
S. MAJOR EQUIPI	MENT AND				AUTHORIZED 14		ASSIGNE 14
3. MAJOR EQUIPI	MENT AND				AUTHORIZED 14		ASSIGNE 14
3. MAJOR EQUIPI	MENT AND				AUTHORIZED 14		ASSIGNE 14
S. MAJOR EQUIPI	MENT AND				AUTHORIZED 14		ASSIGNE 14
B. MAJOR EQUIPI	MENT AND				AUTHORIZED 14		ASSIGNE 14

						•		
1. COMPONENT						•	. DATE	1
•	Y 1995 MILITARY C			OJECT	DATA	į	12 JAN	1994
USAFR		er generat	ed)	1000 0				1227
3. INSTALLATION AND		i	PRO	JECT 1				
WESTOVER AIR RESERV	VE BASE, MASSACHUS	ETTS RE		E TAXI				1
15. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NU	MBER	8. I 	ROJECI	COST(\$0	ا (00) ا
55396F	112-211	YTPM94		<u>.</u>			5,100	
<u></u>	9. COS	T ESTIMATE	<u>s</u>					
	ITEM		 U/M	 QUANT	 YTI1	UNIT	[COST	
REPLACE TAXIWAY "G			ILS	Ī				66
SUPPORTING FACILITY			i	i	į		1,3	180 j
UTILITIES: TAXIW			LS	i	i		j (8	325) j
PAVEMENTS: DEMOL			LS	İ	İ		j (4	55)
DRAINAGE AND SUB			LS	i	i		1 (1	(00
SUBTOTAL			i	i	i			46
CONTINGENCY (5%)			Ĭ	İ	i			<u> 27</u>
TOTAL CONTRACT COS	T		ì	Ĭ	i			773 j
SUPERVISION, INSPE		D (6%)	Ì	İ	i		•	286
TOTAL REQUEST		• •	Ì	i	i			759 j
TOTAL REQUEST (ROU	NDED)		i	Ì	i		5,1	.00 i
	•		i	i	i		i	i
i			i	İ	i		İ	i
i			i	i	i		i	i
			i	i	i		i	i
i			i	i	i		i	i
ì			ì	ì	ì		i	i
1			i	i	i		i	i
10. Description of	f Proposed Constru	uction: R	epai	r 3720	of	taxiv	ay G at	$\overline{}$
lit's intersection								i
apron. Replace ex								: i
compacted base cou								į
Lighting system eva								i
11. REQUIREMENT:								
•	axiway "G" for cu	rrent airf	ielđ	opera	ation	ns. (Cu	ırrent	i
Mission)								i
REQUIREMENT: An ac	dequate taxiwav to	o handle s	ircr	aft tr	affi	c and	provide	i
access to operation								i
requires maintenand								i
to restore failing	_			-		-		ľ
accommodate the not								
Westover ARB.	9							
CURRENT SITUATION:	The existing ag	nhalt teri	י עפש	was hi	1 i 1+	almost	forty	
years ago for diffe								1e
taxiway to the cur								
loading requirement								i
an Airfield Pavemen								i
IMPACT IF NOT PROV							to	ï
aircraft engines a								i
fail, requiring the								ï
operational reading								i
requiring excessive								1
I tedutiting excession	erl roug caving c	o and trom	CHE	T CITIMS	-y ·			1
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1. COMPON	ENT FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
USAFR	(computer generated)	1 2 JAN 1994
	LATION AND LOCATION	
İ		
WESTOVER	AIR RESERVE BASE, MASSACHUSETTS	
14. PROJEC	r title 15. P	ROJECT NUMBER
REPLACE T	AXIWAY "G"	TPM940022
112. SUPP	LEMENTAL DATA:	•
 a. Est 	imated Design Data:	
(1)	Status:	i
İ	(a) Date Design Started	92 AUG 01
[(b) Parametric Cost Estimates used to develop costs	•
!	(c) Percent Complete as of Jan 1994	100%
I }	(d) Date 35% Designed.(e) Date Design Complete	92 OCT 11 93 SEP 30
Í	(b) Bace Besign compacts)
(2)	Basis:	l
!	(a) Standard or Definitive Design -	İ
ļ !	(b) Where Design Was Most Recently Used -	1
(3)	Total Cost (c) - (a) + (b) or (d) + (e):	(\$000)
	(a) Production of Plans and Specifications	176
	(b) All Other Design Costs	161 (
	(c) Total	337
	(d) Contract	237
	(e) In-house	100
(4)	Construction Start	95 FEB
		i
		1
b. Equipmother appr	ent associated with this project will be provided fropriations: N/A	DIEN
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1. COMPONENT					•	DATE
•	Y 1995 MILITARY CONS			DJECT DAT	A 1	2 JAN 199
JUSAFR	(computer					
3. INSTALLATION AN	D LOCATION	•		JECT TITL		
1			PLAC	e undergr	OUND STO	RAGE
	VE BASE, MASSACHUSET		NKS			·
15. PROGRAM ELEMENT	6. CATEGORY CODE 7.	PROJEC	T NU	MBER 8.	PROJECT (COST(\$000
1	1	•		1		
55356F	411-135	YTPM95				1,000
	9. COST E	STIMATE	S			
1			i	1	UNIT	COST
_	ITEM		U/M	QUANTITY	COST	(\$000)
REPLACE UNDERGROUN	D STORAGE TANKS		ILS	1	1	400
REPLACE EXISTING	UST WITH NEW UST		EA	3	20,000	(60
REPLACE EXISTING	UST WITH VAULTED TAI	NK	EA	17	20,000	(340
SUPPORTING FACILIT	IES			i	1	490
UTILITIES			LS		1	(60
PAVEMENTS			LS		1	(20
SITE RESTORATION			EA	5	66,000	
SITE ASSESSMENT			EA	20	4,000	(80
SUBTOTAL				1	1	890
CONTINGENCY (5%)]	1	45
ITOTAL CONTRACT COS			j I		ĺ	935
SUPERVISION, INSPE	CTION AND OVERHEAD (6.5%)	Í		i i	61
TOTAL REQUEST					j i	996
TOTAL REQUEST (ROU	NDED)		1		į į	1,000
1			i i		i	-
l			i i		į i	
İ			i i		i i	
<u>i</u>			i i		i	
[10. Description of	f Proposed Construct	ion: R	emove	20 POL 1	undergrou	ınd
	replace 3 with double					
17 with vaulted about	oveground storage tar	nks. P	rovid	le initia	l remedia	tion
where required, com	ntamination assessmen	nts, an	d dis	sposal of	tanks,	
contaminated soils				•	•	
11. REQUIREMENT:	20 LS ADEQUATE: 0	SUBSTA	NDARI): O		-
PROJECT: Replace	20 underground storag	ge tank	s wit	h fully	compliant	:
	e tanks and vaulted a					
	s identified in this					State
and Federal require	ements and currently	do not	meet	DoD reg	ulations	The
regulatory requires	ments originate from	Air Fo	rce l	JST Polic	y. Air Fo	rce
Reserve UST Policy	, 40 CFR 280 Parts A	thru G	and	527 Code	of	
	lations Part 9.0 et s					11.
loverfill and cathod	dic protection and do	ouble w	all c	ontainme	nt (527 (:MR
	uncertifiable due to					
	and cannot meet the					
construction type.				. • 4 422 - 40.		
CURRENT SITUATION:	Seventeen (17) unde	roroun	d etc	rage tani	ce which	store
· — — — — — — — — — — — — — — — — — — —	World War II vintag	_				
	ress - have the highe					£700
	ents into the enviror			e (3) und		1
	petroleum fuel for					
	98. All twenty (20)					
	nich supplies drinkir					
	IDED: The tanks will				•	-
	evoir for central Mas				nks will	
COMPTA MICU STATE &	and Federal regulation	ons. T	ne St	ate will	1ssue ar	order

1. COMPONENT	2. D	ATE I
FY 1995 MILITARY CONSTRUCTION PRO	IECT DATA	JAN 1994
USAFR (computer generated) 3. INSTALLATION AND LOCATION		1
WESTOVER AIR RESERVE BASE, MASSACHUSETTS		į
4. PROJECT TITLE	5. PROJECT	NUMBER
	 YTPM959) 1002 (
to remove the tanks within 90 days. The ability o military operations will be hampered. The cost to release is well over the cost of this project. We local lawsuits.	remediate a major	- 1
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1. COMPONENT		12. DATE
CONFORMI	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	i
USAFR	(computer generated)	12 JAN 1994
3. INSTALLATION	ON AND LOCATION	
 UECTOVED AID	RESERVE BASE, MASSACHUSETTS	
14. PROJECT TI		PROJECT NUMBER
	 i	
REPLACE UNDER	GROUND STORAGE TANKS	YTPM959002
12. SUPPLEME	NTAL DATA:	
 a. Estimato 	ed Design Data:	
! (1) Sta	atus:	
(a)	Date Design Started	93 JUN 01
	Parametric Cost Estimates used to develop cost	
	Percent Complete as of Jan 1994	90%
	Date 35% Designed.	93 AUG 15
i (e)	Date Design Complete	94 FEB 28
(2) Bas	sis:	
(a)	Standard or Definitive Design -	
(b)	Where Design Was Most Recently Used -	
(3) Tot	tal Cost (c) = (a) + (b) or (d) + (e):	(\$000)
	Production of Plans and Specifications	20
	All Other Design Costs	80
	Total	100
•	Contract	90 (
(e)	In-house	10
(4) Cor	nstruction Start	94 DEC
b. Equipment other appropri	associated with this project will be provided fractions: N/A	rom
action appropri	. N/A	ļ
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1. COMPONENT USAFR	FY 1995GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 10 Jan 94
3, INSTALLATION AND LOCA	TION	4. AREA CONSTR COST INDEX
Youngstown Municipa	ll Airport - Air Reserve Station, Ohio	0.92
S. FREQUENCY AND TYPE U	TILIZATION	<u> </u>

Facility is used daily. Unit training assemblies are two days per month and field training is conducted fifteen days per year.

6. OTHER ACTIVE/QUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS

- 1 Naval Reserve Unit
- 1 Army Reserve Unit
- 1 Army National Guard Unit
- 1 Marine Corps Reserve Unit

7. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE 831-155	PROJECT TITLE Industrial Wastewater	SCOPE 1,500 SF	(\$000) 500	DESIGN START 12/93	DESIGN COMPLETE 12/94
	Pretreatment Facility				

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION	22 Jun 93
A	(Date)

Approved for unilateral construction.

9. LAND ACQU	None	2		
			(Number of	- 1
10. PROJECTS	PLANNED IN NEXT FOUR YEARS			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	YEAR
871-183	Apron Runoff/Stormwater Discharge Collection	LS	1,200	98
842-245	Upgrade Base Water Distribution System	LS	1,000	96

3. INSTALLATION AN		4411	ITARY CO	ONSTRUC	CTION		10 Jan 94
	D LOCAT						
Youngstown Munic	cipal Air	port - Air Res	erve Station,	Ohio			
11. PERSONNEL STR	ENGTH A	NS OF-1 APR 1	13				
			ANENT			RESERVE	
AUTHORIZED	TOTAL	OFFICER	ENLISTED	CIVILIAN	101AL	OFFICER 126	ENLISTED
ACTUAL	221 221	Ω Ω	$\frac{\mathbf{Q}}{\mathbf{Q}}$	221 221	<u>1032</u> 1032	<u>126</u> 126	<u>877</u> 877
	441	¥	¥	221	1032	****	BII
12. RESERVE UNIT D	ATA						
					8	TRENGTH	
	DESIGN			•	AUTHORIZED		ACTUAL
910th	Airlfit	Group			1032		1032
13. MAJOR EQUIPME	NT AND	AIDCDAFT		.v			
is. moon egorme	HI AND						
		C-130H			AUTHORIZED 8		ASSIGNED 8
	,	C-130II			. 0		0
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1. COMPONENT		- . -	•	DATE		
FY 1995 MILITARY CONSTRUCTION		OJECT DATA	A 12	JAN 1994		
AIR FORCE (computer general) 3. INSTALLATION AND LOCATION 4		JECT TITL	l			
15. INSTALLATION AND LOCATION 14	. PRO	JECI IIIL	<u>.</u>			
YOUNGSTOWN AIR RESERVE STATION, OHIO	ND WA	STE TREAT	MENT & D	ISPOSAL		
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJE						
		i				
55356F 831-155 ZQEL9	79003	i		500		
9. COST ESTIMAT	ES					
	1	1	UNIT	COST		
ITEM		IQUANTITY		(\$000)		
IND WASTE TREATMENT & DISPOSAL	SF	1,500	180			
SUPPORTING FACILITIES		2 000	, 25	180		
INDUSTRIAL WASTEWATER PIPING	LF LS	2,000	35	(70) (10)		
ELECTRICAL STORM DRAINAGE	LS	! !		(30)		
SITE IMPROVEMENTS	LS	ι 1		(45)		
HEATING	LS	; 		(15)		
WATER DISTRIBUTION	LS	İ		(10)		
SUBTOTAL	i	j		450		
CONTINGENCY (5%)	i	Ī	j	23		
TOTAL CONTRACT COST	1	l .		473		
SUPERVISION, INSPECTION AND OVERHEAD (6%)	1	l	1	28		
TOTAL REQUEST	ł	l		501		
TOTAL REQUEST (ROUNDED)	ļ	ļ	1	500		
	ļ.	ŀ				
	!	!				
	!	<i>}</i> 1	,			
10. Description of Proposed Construction: (Const	ruct an II	ndustria			
Wastewater Pretreatment Facility consisting						
slab, structural steel frame, insulated metal						
treatment units and containment holding tanks						
installation of industrial wastewater piping.	. In	clude util	lities ar	nd		
necessary support.						
11. REQUIREMENT: As required.	_					
PROJECT: Construct an Industrial Wastewater			•			
REQUIREMENT: Provide industrial wastewater						
of the wastewater to the Base's Sanitary Sewedischarges to the county's POTW. Pretreatment						
industrial operations is necessary to meet d				ical cire		
established under the county's industrial was		•		rogr:		
Pretreatment is required by the Clean Water						
meet NPDES permit requirements. This is a Lo						
compliance project.						
CURRENT SITUATION: The industrial wastewater	r fro	m the air	craft			
maintenance industrial area facilities discha				Sanit ary		
Sewage System with the only form of pretreat						
separators. The county has an industrial was						
which requires a limitation on various contain				ter		
discharge by industrial operations. A sample						
especially from aircraft wash operations, has BOD and COD in the wastewater discharge. To parameters required and future restrictions,	cont	inuously ı	meet the	_		

IMPACT IF NOT PROVIDED: Uncontrolled and unmonitored industrial

|necessary.

11. COMPONENT	2. DATE					
FY 1995 MILITARY CONSTRUCTION PROJECT DATA AIR FORCE (computer generated)	TA 12 JAN 1994					
3. INSTALLATION AND LOCATION						
	1					
YOUNGSTOWN AIR RESERVE STATION, OHIO 14. PROJECT TITLE	5. PROJECT NUMBER					
TROUBUL IIILE	js. rkoseci numbek					
IND WASTE TREATMENT & DISPOSAL	ZQEL979003					
wastewater could exceed the industrial wastewater pretreatment parameters established by the county, jeopardizing the POTW in meeting its NPDES discharge requirements. A violation of industrial wastewater discharge could occur.						
	i 1					
	! 					

	ENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
IR FORCE	 	(computer generated)	12 JAN 195
		N AND LOCATION	
'ATRICEMALE	M ATD	DECEDUE CTATION OUTO	
. PROJEC		RESERVE STATION, OHIO LE 15. PRO	JECT NUMBER
		İ	
ND WASTE	TREA'	TMENT & DISPOSAL ZQE	L979003
2. SUPP	LEMEN	TAL DATA:	
a. Est	imate	d Design Data:	
(1)	Sta		
		Date Design Started	93 OCT 01
		Parametric Cost Estimates used to develop costs	Y
		Percent Complete as of Jan 1994 Date 35% Designed.	10% 94 APR 15
	(e)		94 OCT 15
(0)		•	
(2)	Bas		
	(a) (b)	_	
(3)	Tota	al Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(a)	Production of Plans and Specifications	5
		All Other Design Costs	35
		Total	40
	(d) (e)		10 30
		III-liouse	30
(4)		struction Start	95 APR
Equip	Cons	struction Start associated with this project will be provided from ations: N/A	
. Equip	Cons	associated with this project will be provided from	
. Equip	Cons	associated with this project will be provided from	
. Equip	Cons	associated with this project will be provided from	
. Equip	Cons	associated with this project will be provided from	
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. Equip	Cons	associated with this project will be provided from	
. Equip	Cons	associated with this project will be provided from	95 APR
. Equip	Cons	associated with this project will be provided from	
. Equip	Cons	associated with this project will be provided from	

1. COMPONENT USAFR	FY 1995GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 10 Jan 94
3. INSTALLATION	AND LOCATION	4. AREA CONSTR COST INDEX
General Mitche	ell International Airport - Air Reserve Station, Wisconsin	1.16

5. FREQUENCY AND TYPE UTILIZATION

Facilities are used daily. Unit training assemblies are two days per month and field training is conducted fifteen days per year.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS

- 1 Air National Guard Unit
- 1 Army Guard Unit
- 1 Naval Reserve Unit

•		REQUESTED	DOCODIU
	PRILECIA	REGUENIEU	

CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	Design Start	DESIGN COMPLETE
179-511	Fire Fighter Training Facility	LS	1,450	8/93	5/94
124-000	Secondary Containment Facility	LS	750	10/93	12/94

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Medical Training Facility

Survival Equipment Facility

Aerial Port Training Facility

Storm Drainage Facility

Base Supply

Underground Storage Tank

Composite Training Facility

Base Sanitary Sewer System

Inst Air Emission Control Device

Base Water Distribution System

Vehicle Ops Facility

PROJECT TITLE

21 Oct 93

None (Number of Acres)

Approved for unilateral construction.

9. LAND ACQUISITION REQUIRED

CATEGORY CODE

171-445

214-428

218-852

171-873

211-159

411-135

842-245

442-758

171-445

832-266

871-183

10. PRC	JECTS P	LANNED	N NEXT FOUR	YEARS

SCOPE	COST (\$000)	YEAR
1100 SF	2,450	96
17,820 SG	3,300	97
4400 SF	750	97
14,200 SF	2,000	97
LS	400	97
2,800 SY	1,000	97
LS	1,200	97
LS	750	98
54,000 SF	3,000	99
13,700 SF	2,000	99

LS

600

99

1. COMPONENT USAFR			995 GUAR LITARY C			2. 04	TE 10 Jan 94
3. INSTALLATION	AND LOCA						
General Mitchel				1			
11. PERSONNEL	BTRENGTH	AS OF-1 APR	93				
	TOTAL		ANENT ENLISTED	CIVILIAN	GUARD/ TOTAL	RESERVE OFFICER	EM ISTER
AUTHORIZED	<u>10141</u> 295	<u>officer</u> <u>O</u>	Q	<u>295</u>	1183	147	ENLISTED 996
ACTUAL	242	<u>o</u>	Q	242	1183	147	996
12. RESERVE UN	T DATA						
						STRENGTH	
	NIT DESIGN				AUTHORIZED		ACTUAL
44	Oth Airlif	t Wing			1183		1183
13. MAJOR EQUIF	MENT AND	AIRCRAFT	· · · · · · · · · · · · · · · · · · ·			7	
		TYPE C-130			AUTHORIZED 8		ASSIGNED 8
		C-130			0		0

SAFR					
USAFR (computer generated) 12 JAN 1994	1. COMPONENT			•	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE			OJECT DAT	A į	12 JAN 1994
GENERAL B. MITCHELL MILWAUKEE, WISCONSIN FIRE FIGHTER TRAINING FACILITY 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000) 55356					1004
S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)	3. INSTALLATION AND LOCATION [4	. PRO	JECT TITL	E	
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000) 55356 179-511 HTUX959001 1,450 9. COST ESTIMATES UNIT COST ITEM U/M QUANTITY COST (\$000) FIRE FIGHTER TRAINING FACILITY I.S 930 AIRCRAFT MOCK-UP & BURN PIT EA 1 810,000 (810) SEARCH & CONFINED SPACE TRAINING BLDG EA 1 100,000 (100) DRAFTING PIT EA 1 20,000 (20) SUPFORTING TAGILITIES 375 (500) FUEL STORAGE TANKS I.S (50) FUEL STORAGE TANKS I.S (45) SITE PREFARATION & PAVEMENTS I.S (65) SUBTOTAL (50) 1,305 CONTINGENCY (5%) (50) TOTAL CONTRACT COST 1,305 TOTAL CONTRACT COST 1,305 TOTAL REQUEST 1,452 1,452 TOTAL REQUEST (ROUNDED) 1,450 10. Description of Proposed Construction: Circular burn area with double flexible membrane liners, water and fuel drainage systems, leak detection, effluent holding pond, oil/water separator, fuel tanks, pumps, valves, controls, piping, aircraft mockup, and compacted drive-around area. Search and Confined Space Training building of masonry and concrete with movable partitions, pipes, hatches, tanks, and small openings. 11. REQUIREMENT: 1 EA ADEQUATE: 0 SUBSTANDARD: 1 EA PROJECT: Construct a Fire Training Facility (Current Mission) REQUIREMENT: This is a level I environmental compliance requirement. A 11. REQUIREMENT: This is a level I environmental compliance requirement. A 11. REQUIREMENT: This is a level I environmental compliance requirement. A 11. REQUIREMENT: This is a level I environmental compliance problems with the Clean Air and Clean Mater Acts. An impermeable lining below the training areas with associated oil/water separation and waste holding facilities are required. Live-fire training is required to prevent leaching into the ground. CURRENT SITUATION: The existing live-fire training second for the purposes of restoration and due to the environmental problems and unburned fuel from the water. The existing live-fire training is manadatory for each			TOURED MD	A TNITNIC I	DA GTT 7557
S5356 179-511 HTUX959001 1,450	GENERAL B. MITCHELL MILWAUKEE, WISCONSIN IF	IKE F	IGHTER IK	AINING .	COCTACOOON
SECONT ESTIMATES UNIT COST	5. PROGRAM ELEMENT 6. CATEGORY CODE / . PROJE	CI NU	MDEK 10.	PROJECT	CO21(\$000)
SECONT ESTIMATES UNIT COST		50001	į.		1 450
ITEM U/M QUANTITY COST (\$000) FIRE FIGHTER TRAINING FACILITY LS 930 AIRCRAFT MOCK-UP & BURN PIT EA 1 810,000 (810) SEARCH & CONFINED SPACE TRAINING BLDG EA 1 100,000 (100) DRAFTING PIT EA 1 20,000 (20) SUPPORTING FACILITIES 375 UTILITIES & OIL/WATER SEPARATOR LS (50) FUEL STORAGE TANKS LS (45) SITE FREPARATION & PAVEMENTS LS (60) AREA COST FACTOR (1.04%) LS (70) AREA COST FACTOR (1.04%) LS (50) SUBTOTAL (50) (55) CONTINGENCY (5%) (65) TOTAL CONTRACT COST (1.370 (55) TOTAL CONTRACT COST (1.370 (55) TOTAL REQUEST (ROUNDED) (1.450 (1.45					1,430
ITEM UM QUANTITY COST (\$000) FIRE FIGHTER TRAINING FACILITY IS 930 AIRCRAFT MOCK-UP & BURN PIT EA 1 810,000 (810) SEARCH & CONFINED SPACE TRAINING BLDG EA 1 20,000 (100) DRAFTING PIT EA 1 20,000 (20) SUPPORTING FACILITIES 375 UTILITIES & OIL/WATER SEPARATOR LS (50) FUEL STORAGE TANKS LS (45) SITE FREPARATION & PAVEMENTS LS (160) SECURITY FENCE LS (70) ARBA COST FACTOR (1.044) LS (50) SUBTOTAL 1,305 SUBTOTAL 1,305 SUBTOTAL 1,305 SUPERVISION, INSPECTION AND OVERHEAD (64) 82 TOTAL CONTENCY (54) 1,450 TOTAL CONTRACT COST 1,450 IO Description of Proposed Construction: Circular burn area with double flexible membrane liners, water and fuel frainage systems, leak detection, effluent holding pond, oil/water separator, fuel tanks, pumps, valves, controls, piping, aircraft mockup, and compacted drive-around area. Search and Confined Space Training building of masonry and concrete with movable partitions, pipes, hatches, tanks, and small openings. 11. REQUIREMENT: 1 EA ADEQUATE: 0 SUBSTANDARD: 1 EA PROJECT: Construct a Fire Training Facility (Current Mission) REQUIREMENT: This is a Level I environmental and safety regulations, is required. Live-fire training is required (Air Force, FAA, 11/4-6) SHAD to enable fire fighters to maintain a high level of proficiency by extinguishing interior aircraft fires and fires involving mass fuel spills and running fuel. These exercises, performed on mock-ups representing the mission-assigned aircraft, have historically created compliance problems with the Clean Air and Clean Water Acts. An impermeable lining below the training areas with associated oil/water separation and waste holding facilities are required to prevent leaching into the ground. CURRENT SITUATION: The existing live-fire training is manadatory for each military Fire Fighter to be eligible for deployment during a wartime commitment. Due to this facility being closed, our Fire Fighters are	9. COS1 ESTITAT	1		IINIT	COST
FIRE FIGHTER TRAINING FACILITY AIRCRAFT MOCK-UP & BURN PIT SEARCH & COMFINED SPACE TRAINING BLDG	i I TTEM	iti /M	LOHANTITY	•	1
AIRCRAFT MOCK-UP & BURN PIT SEARCH & CONFINED SPACE TRAINING BLDC RAFTING PIT SUPPORTING PIT SUPPORTING FACILITIES UTILITIES &			1	1	
SEARCH & CONFINED SPACE TRAINING BLDG EA 1 100,000 (100) DRAFTING PIT EA 1 20,000 (20) SUPPORTING FACILITIES 375 375		•	i 1	1810.000	•
DRAFTING PIT SUPPORTING FACILITIES UTILITIES & OIL/WATER SEPARATOR I.S (50) FUEL STORAGE TANKS I.S (45) SITE PREPARATION & PAVEMENTS I.S (160) SECURITY FENCE I.S (70) AREA COST FACTOR (1.04%) SUBTOTAL CONTINGENCY (5%) CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (6%) TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Circular burn area with double flexible membrane liners, water and fuel drainage systems, leak detection, effluent holding pond, oil/water separator, fuel tanks, pumps, valves, controls, piping, aircraft mockup, and compacted drive-around area. Search and Confined Space Training building of masonry and concrete with movable partitions, pipes, hatches, tanks, and small openings. 11. REQUIREMENT: 1 EA ADEQUATE: O SUBSTANDARD: 1 EA PROJECT: Construct a Fire Training Facility (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. A live-fire training facility, meeting all environmental and safety regulations, is required. Live-fire training is required (Air Force, FAA, OSHA) to enable fire fighters to maintain a high level of proficiency by extinguishing interior aircraft fires and fires involving mass fuel spills and running fuel. These exercises, performed on mock-ups representing the mission-assigned aircraft, have historically created compliance problems with the Clean Air and Clean Water Acts. An impermeable lining below the training areas with associated oil/water separation and waste holding facilities are required to prevent leaching into the ground. CURRENT SITUATION: The existing live-fire training facility violates US Environmental Protection Agency (EFA) regulations. The existing oil/water separator is not capable of adequately separating the foaming agent and unburned fuel from the water. The existing facility has been closed for the purposes of restoration and due to the environmental problems that occur from the use of the facility. Live-fire trainin	· ·	•			
SUPPORTING FACILITIES UTILITIES & OIL/WATER SEPARATOR FUEL STORAGE TANKS SITE PREPARATION & PAVEMENTS SITE PREPARATION & PAVEMENTS SITE PREPARATION & PAVEMENTS SITE PREPARATION & PAVEMENTS SITE PREPARATION & PAVEMENTS SITE PREPARATION & PAVEMENTS SITE PREPARATION & PAVEMENTS SITE PREPARATION & PAVEMENTS LS (160) SECURITY FENCE AREA COST FACTOR (1.04%) SUBTOTAL CONTINGENCY (5%) SUBTOTAL CONTINGENCY (5%) SUBTOTAL CONTINGENCY (5%) SUBTOTAL REQUEST SUPERVISION, INSPECTION AND OVERHEAD (6%) SUBTOTAL REQUEST TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST 1,450 10. Description of Proposed Construction: Circular burn area with double flexible membrane liners, water and fuel drainage systems, leak detection, effluent holding pond, oil/water separator, fuel tanks, pumps, valves, controls, piping, aircraft mockup, and compacted drive-around area. Search and Confined Space Training building of masonry and concrete with movable partitions, pipes, hatches, tanks, and small openings. 11. REQUIREMENT: I EA ADEQUATE: O SUBSTANDARD: I EA FROJECT: Construct a Fire Training Facility (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. A live-fire training facility, meeting all environmental and safety regulations, is required. Live-fire training is required (Air Force, FAA, OSHA) to enable fire fighters to maintain a high level of proficiency by extinguishing interior aircraft fires and fires involving mass fuel spills and running fuel. These exercises, performed on mock-ups representing the mission-assigned aircraft, have historically created compliance problems with the Clean Air and Clean Water Acts. An impermeable lining below the training areas with associated oil/water separation and waste holding facilities are required to prevent leaching into the ground. CURRENT SITUATION: The existing live-fire training facility violates US Environmental Protection Agency (EPA) regulations. The existing oil/water separator is not capable of adequately separating the foaming age	· ·	•	•	•	
UTILITIES & OIL/WATER SEPARATOR FUEL STORAGE TANKS SITE PREPARATION & PAVEMENTS SITE PREPARATION & PAVEMENTS SITE PREPARATION & PAVEMENTS LS (160) SECURITY FENCE LS (70) AREA COST FACTOR (1.04%) SUBSTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (6%) 10. DESCRIPTION OF Proposed Construction: Circular burn area with double flexible membrane liners, water and fuel drainage systems, leak detection, effluenth holding pond, oil/water separator, fuel tanks, pumps, valves, controls, piping, aircraft mockup, and compacted drive-around area. Search and Confined Space Training building of masonry and concrete with movable partitions, pipes, hatches, tanks, and small openings. 11. REQUIREMENT: 1 EA ADEQUATE: 0 SUBSTANDARD: 1 EA PROJECT: Construct a Fire Training Facility (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. A live-fire training facility, meeting all environmental and safety regulations, is required. Live-fire training is required (Air Force, FAA, OSHA) to enable fire fighters to maintain a high level of proficiency by extinguishing interior aircraft fires and fires involving mass fuel spills and running fuel. These exercises, performed on mock-ups representing the mission-assigned aircraft, have historically created compliance problems with the Clean Air and Clean Water Acts. An impermeable lining below the training areas with associated oil/water separation and waste holding facilities are required to prevent leaching into the ground. CURRENT SITUATION: The existing live-fire training facility violates US Environmental Protection Agency (EPA) regulations. The existing oil/water separator is not capable of adequately separating the foaming agent and unburned fuel from the water. The existing ficility has been closed for the purposes of restoration and due to the environmental problems that occur from the use of the facility being closed, our Fire Fighters are	· ·	i —-	-	,,, 	
FUEL STORAGE TANKS SITE PREPARATION & PAVEMENTS SITE PREPARATION & PAVEMENTS SECURITY FENCE AREA COST FACTOR (1.04%) SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (6%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Circular burn area with double flexible membrane liners, water and fuel drainage systems, leak detection, efficient holding pond, oil/water separator, fuel tanks, pumps, valves, controls, piping, aircraft mockup, and compacted drive-around area. Search and Confined Space Training building of masonry and concrete with movable partitions, pipes, hatches, tanks, and small openings. 11. REQUIREMENT: 1 EA ADEQUATE: 0 SUBSTANDARD: 1 EA PROJECT: Construct a Fire Training Facility (Current Mission) REQUIREMENT: This is a Level I environmental compliance requirement. A live-fire training facility, meeting all environmental and safety regulations, is required. Live-fire training is required (Air Force, FAA, OSHA) to enable fire fighters to maintain a high level of proficiency by extinguishing interior aircraft fires and fires involving mass fuel spills and running fuel. These exercises, performed on mock-ups representing the mission-assigned aircraft, have historically created compliance problems with the Clean Air and Clean Water Acts. An impermeable lining below the training areas with associated oil/water separation and waste holding facilities are required to prevent leaching into the ground. CURRENT SITUATION: The existing live-fire training facility violates US Environmental Protection Agency (EPA) regulations. The existing oil/water separator is not capable of adequately separating the foaming agent and unburned fuel from the water. The existing facility has been closed for the purposes of restoration and due to the environmental problems that occur from the use of the facility. Live-fire training is manadatory for each military Fire Fighter to be eligible for deployment during a wartime commitment. Due to this facili		LS	i	: 	•
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having to train off-site, with less frequency, at greater expense and	commitment. Due to this facility being close	ed, o	ur Fire F	ighters	are
	having to train off-site, with less frequence	y, at	greater	expense	and

1. COMPONENT		2. DATE
FY 1995 MILITARY CONSTRUCTION PROJECT 1	DATA	1 0 181 1004
USAFR (computer generated)		1 2 JAN 1994
3. INSTALLATION AND LOCATION		
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4. PROJECT TITLE	15.	PROJECT NUMBER
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FIRE FIGHTER TRAINING FACILITY	i	HTUX959001

|inconvinience.

| IMPACT IF NOT PROVIDED: The inadequate fire training conditions at Gen B. | Mitchell Air Reserve Base will continue and will affect the high level of | proficiency required in aircraft crash-fire fighting. The required level | and frequency of live-fire training for the assigned fire fighters is not | available. Off-site training causes manning shortages and could pose | problems if fires occur while fire fighters are away. Without the stress | and realism that comes only with live fires, fire fighters lose | proficiency in combating fires. The potential for loss of aircraft and | life is increased.

ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide" or AFM 86-2, "Standard Facility Requirements". However, the Air Force has developed a "standard" or generic design for a Fire Training Facility which incorporates all of the requirements for Fire Fighter training and that meets all environmental compliance standards. This estimate is based on that "standard" design for this location and this design will be used and site adapted for this particular base. The Search and Confined Space Training Facility is added to the standard design to satisfy recent confined space training requirements.

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IRE FIGH	TER TI	RAINING FACILITY HTU	X959001
2. SUPP	LEMENT	TAL DATA:	
a. Est	imated	i Design Data:	
(1)	Stat	cus:	
\- /		Date Design Started	93 AUG 15
		Parametric Cost Estimates used to develop costs	Y
		Percent Complete as of Jan 1994	351
		Date 35% Designed.	93 DEC 15
		Date Design Complete	94 SEP 15
(2)	Basi	(s:	
(-)		Standard or Definitive Design -	
		Where Design Was Most Recently Used -	
(3)	Tota	al Cost (c) = (a) + (b) or (d) + (e):	(\$000
		Production of Plans and Specifications	35
		All Other Design Costs	110
		Total	145
		Contract	130
		In-house	15
(4)	Cons	truction Start	95 MAR
. Equipa	ent a	ssociated with this project will be provided from	
. Equipm			

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11. COMPONENT!					-	. DATE	
•	1995 MILITARY CO			DECI DATA	`! 1	2 JAN 1994	
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3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
SECONDARY CONTAINMENT GENERAL MITCHELL IAP-ARS MILWAUKEE. WI. FACILITIES							
GENERAL MITCHELL IA						2027(4000)	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUI	ABER 18. P	ROJECT	COST(\$000)	
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<u> </u>	9. COST	ESTIMATE	<u>S</u>				
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	ITEM			QUANTITY	COST	<u> (\$000) </u>	
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SUPPORTING FACILITI	ES			!		80	
DEMOLITION			LS			[(20)]	
SITE IMPROVEMENTS	i		LS			[(<u>60</u>) [
SUBTOTAL			!!!	!		643	
CONTINGENCY (10%)	_		ļ ļ	ļ		64	
ITOTAL CONTRACT COST			! !	!		707	
SUPERVISION, INSPEC	TION AND OVERHEAD	(6%)	!!!	ļ		42	
TOTAL REQUEST			!!!	!		749	
TOTAL REQUEST (ROUN	IDED)		!]		750	
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| 10. Description of Proposed Construction: Construct permanent secondary | containment facilities for storing hazardous materials/hazardous waste. | Excavate/demolish concrete flooring to install permanent containment at | selected base facilities.

| 11. REQUIREMENT: As required.

| PROJECT: Secondary Containment Facilities (Current Mission).

REQUIREMENT: To contain leakage from spills of stored hazardous

materials/hazardous waste.

CURRENT SITUATION: Presently the base uses portable buildings equipped with secondary containment to store hazardous materials and hazardous lwaste.

| IMPACT IF NOT PROVIDED: The temporary secondary containment buildings | have a limited economic life and should be placed with permanent secondary | containment built into the floor where hazardous materials and hazardous | wastes are stored on base. Failure to plan for these facilities increases | the likihood of spills when moving hazardous materials to and from these | temporary buildings which are located nearby.

1. COMPON	ENT I	2. DATE
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USAFR	(computer generated)	1 2 JAN 1994
3. INSTAL	LATION AND LOCATION	
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14. PROJEC	ITCHELL IAP-ARS MILWAUKEE, WI.	5. PROJECT NUMBER 1
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SECONDARY	CONTAINMENT FACILITIES	HTUX999005
12. SUPP	LEMENTAL DATA:	
a. Est	imated Design Data:	!
i (1)	Status:	
ĺ	(a) Date Design Started	93 OCT 01
1	(b) Parametric Cost Estimates used to develop of	costs Y j
Į.	(c) Percent Complete as of Jan 1994	10%
!	(d) Date 35% Designed.	94 APR 01
1	(e) Date Design Complete	94 SEP 01
(2)	Basis:	1
1	(a) Standard or Definitive Design -	i
İ	(b) Where Design Was Most Recently Used -	į
 (3)	Total Cost (c) = (a) + (b) or (d) + (e):	 (\$000)
i	(a) Production of Plans and Specifications	15
j	(b) All Other Design Costs	65 j
•	(c) Total	80 j
1	(d) Contract	72 j
	(e) In-house	, 8 į
 (4) 	Construction Start	95 MAR
	ment associated with this project will be provide	d from
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DEPARTMENT OF THE AIR FORCE AIR FORCE RESERVE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1995

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MILITARY CONSTRUCTION \$4,018,000

PART I - PURPOSE AND SCOPE

The funds requested for unspecified military construction will finance new construction projects having cost estimates greater than \$300,000 but not in excess of \$400,000.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested for unspecified military construction will finance unforeseen projects generated during the year and are necessary to support mission requirements.

11. COMPONENT						12	DATE
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3. INSTALLATION AL				JECT 1	TITLE	<u> </u>	
 VARIOUS LOCATIONS							TRUCTION
15. PROGRAM ELEMENT	16. CATEGORY CODE	7. PROJEC	r nun	1BER	8. I	ROJECT	COST(\$000)
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	of Proposed Constru						tion
<pre>projects having co 11. REQUIREMENT:</pre>	As required.	oo but les	ss cr	ıan ş4	00,0		
PROJECT: N/A							i
REQUIREMENT: This							
unspecified minor							by law,
having a funded co alteration or com							th Title
10, USC 2233 and 2							
expected to arise							
IMPACT IF NOT PROV							
\$300,000 and \$400,							
Air Force Reserve facility modificat							n
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SECTION 4 ARCHITECTURAL AND ENGINEERING SERVICES AND CONSTRUCTION DESIGN

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USAFR (compute	<u>i</u>	2 JAN 1994				
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15. PROGRAM ELEMENT 6. CATEGORY CODE	7. PROJEC	T NUMBE	ER 8. P	ROJECT	COST(\$000)	
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5.53.96 010-211 9. COST	PAYZ95				3,172	
9. 0051	ESTIMATE	<u>s</u>		UNIT	I COST	
ITEM		IU /M LOI	UANTITY	COST	(\$000)	
PLANNING AND DESIGN (CURRENT MISSION	1)	LS	1		3,172	
SUBTOTAL	•	i	i		3,172	
TOTAL CONTRACT COST		i i	i		3,172	
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TOTAL REQUEST (ROUNDED)		1 1	1		3,172	
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10. Description of Proposed Construction:

| 11. REQUIREMENT: As required.

PROJECT: N/A

REQUIREMENT: Funds for architectrual and engineering services and construction provide for the completed design of facilities and evaluation of designs in terms of technical adequacy and estimated costs. In addition, these funds are required to prepare site surveys, develop master plans, working drawings, specifications, project planning reports, and design required for those construction projects included in the Air Force Reserve Military Construction Program. The advanced age and continued deterioration of the Air Force Reserve physical plant and infrastructure have generated numerous facility requirements requiring these architectural and engineering services for design. It is essential the Air Force Reserve be funded at the requested level to ensure operational readiness is not hampered or degraded due to inadequate facilities.

IMPACT IF NOT PROVIDED: Continued design on this fiscal year program, as well as future year MILCON programs, will be impossible.